

LAND APPLICATION OF BIOSOLIDS SITE INSPECTION FORM

GENERAL INFORMATION:		DATE: 8/5/2005 8/9/2005 onsite	
COUNTY: Spotsylvania		CONTRACTOR/MUNICIPALITY: Synagro Mid-Atlantic, Inc.	
NAME (OWNER/OPERATOR): William B. Gilman			
INSPECTED BY: Scott Haley (writer)		PERMIT NO: VDH BUR 131	
FIELD NO: SP 04 – 1 & 3		ACRES: 1 – 70 ac. / 3 – 273.5ac.	
OTHERS PRESENT: various (see comments)			
FIELD DATA/OBSERVATIONS:		TIME: see comments	
WEATHER: see comments		SOIL CONDITIONS: see comments	
BIOSOLIDS SOURCE: Arlington, Back River, Blue Plains, Parkway, UOSA		BIOSOLIDS TYPE: Lime Stabilized & Digested	
SOIL pH: 1 – 3.6 , 3 – 3.7 (date 9/22/2004)		% SOLIDS OF BIOSOLIDS : @ 20-31%	
APPLICATION RATE: Target rate = 200lbs PAN (tall thinned pines); 100lbs PAN (young pines) 5 – 9 DT/Acre			
CROP AND EXPECTED YIELD: Pine trees - N/A			
LOAD TO DATE (WT): see monthly reports			
BIOSOLIDS APPLIED:	<input type="checkbox"/> LIQUID	<input checked="" type="checkbox"/> DEWATERED	
MODE OF APPLICATION:	<input checked="" type="checkbox"/> SURFACE	<input type="checkbox"/> SURFACE W/INCRP.	<input type="checkbox"/> INJECTION
APPLICATION LIMITED BY:	<input checked="" type="checkbox"/> NITROGEN	<input type="checkbox"/> pH	
	<input type="checkbox"/> MAX. HYDRAULIC LOADING (LIQUID BIOSOLIDS)		
	<input type="checkbox"/> MAX. SOLIDS LOADING (15 DRY TONS/ACRE)		
	<input type="checkbox"/> OTHER (SPECIFY):		
FIELD OBSERVATIONS			<u>YES</u>
BUFFERS OBSERVED:			<u>NO</u>
UNIFORM APPLICATION:			X
PROPER FIELD RECORDS:			X
SIGNS OF RUNOFF:			X
TRUCKS NON-SPILL/WATERTIGHT:			X
CONDITION OF HAUL ROUTE SATISFACTORY:			X
ODORS PRESENT:	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> NORMAL	<input checked="" type="checkbox"/> ABOVE NORMAL *
OVERALL CONDITION OF SITE:	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> FAIR	<input type="checkbox"/> POOR

Comments:

This site received multiple complaints, over a three week period from 5/2/2005 to 5/20/2005. Complaints were primarily odor related. All buffers observed were in compliance with the Biosolids Use Regulations.

7/21/2005

Mr. Haley received a call from a resident regarding possible activity on the site. Calls placed to Synagro confirmed that land application was complete as of 5/19/2005. Visit to the site confirmed that no land application was taking place.

7/28/2005

Senator Houck's office forwarded a concern from residents regarding odor and possible effects on their well. Doug Barnes, Deputy County Administrator, sent an email regarding a complaint from another resident.

7/29/2005

Mr. Haley (on vacation out of the Commonwealth) forwarded Doug Barnes' email to Cal Sawyer and Charlie Swanson, VDH. The complainant had apparently entered the site and taken photos, which were forwarded to DEQ.

8/2/2005

Mr. Haley spoke with the complainant. The concern was not about odor, but rather that someone at the Todd's Tavern Store was concerned about a raccoon and an opossum that had "crawled out of the woods and died". Mr. Haley requested that the complainant contact the local health department, and possibly local animal control about dead animals, especially raccoons and opossums, since they have been known to carry rabies. Writer spoke with a resident, who evidently was the person who observed dead animals and advised them to contact local HD or animal control about the animals.

Writer spoke with and arranged a site visit with County Supervisor T.C. Waddy for 8/9/2005

8/5/2005

Ms. Patty Greek with DEQNRO received a complaint about the land application operations on the Gilman tree site in Spotsylvania County. A local resident, entered the land application tree site, without the owner's permission and photographed parts of the application areas and emailed the photos to DEQ. The complainant alleged that the photos indicated misapplication. Mr. Haley spoke with Ed Stuart of DEQ and invited him to visit the site on 8/9/2005.

8/9/2005

Site visit (periods of rain) shows that land application was complete, and observed no permit noncompliance. Odors onsite were slight. Odors offsite were not detected.

COPIES: VDH – Div. of Wastewater Engineering (permit file)
Spotsylvania County - Doug Barnes (via email)
Synagro Mid-Atlantic, Inc. – Steve McMahon (via email)
Chris Peot – DC WASA (via email)
Ed Taylor – Maryland Environmental Service (via email)